

ABSTRACT OF THE DISCLOSURE

A novel receptor for human parvovirus B19, other than P antigen, as well as a reagent for measuring human parvovirus B19, a reagent for adsorbing human parvovirus B19, and an agent for suppressing infection, which utilize the receptor for human parvovirus B19 is disclosed. It was discovered that Ku 80 protein is a receptor for human parvovirus B19. Thus, a receptor for human parvovirus B19 consisting essentially of Ku80 was provided. The agent for binding human parvovirus B19 comprises Ku80. The agent for suppressing infection by human parvovirus B19 comprises a substance which inhibits the binding between Ku80 and human parvovirus B19 or a binding fragment thereof.